

OIPE

1102
12/19/01
15:57:22

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/817,014

DATE: 12/19/2001
TIME: 15:57:22

Input Set : A:\SEQLISTVANM213001AUS.TXT
Output Set: N:\CRF3\12192001\I817014.raw

ENTERED

4 <110> APPLICANT: Remacle, Jose
5 Hamels, Sandrine
6 Zammatteo, Nathalie
7 Lockman, Laurence
8 Dufour, Sophie
9 Alexandre, Isabelle
10 De Longueville, Francoise
13 <120> TITLE OF INVENTION: IDENTIFICATION OF BIOLOGICAL
14 (MICRO)ORGANISMS BY DETECTION OF THEIR HOMOLOGOUS NUCLEOTIDE
15 SEQUENCES ON ARRAYS
17 <130> FILE REFERENCE: VANM213.001AUS
19 <140> CURRENT APPLICATION NUMBER: US 09/817,014
20 <141> CURRENT FILING DATE: 2001-03-23
22 <150> PRIOR APPLICATION NUMBER: EP 00870055.1
23 <151> PRIOR FILING DATE: 2000-03-24
25 <150> PRIOR APPLICATION NUMBER: EP 00870204.5
26 <151> PRIOR FILING DATE: 2000-09-15
28 <160> NUMBER OF SEQ ID NOS: 192
30 <170> SOFTWARE: FastSEQ for Windows Version 4.0
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 23
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: primer for amplification of S. aureus
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44 <211> LENGTH: 25
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: primer for amplification of S. aureus
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55 <211> LENGTH: 23
56 <212> TYPE: DNA
57 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: primer for amplification of S. epidermidis
62 <400> SEQUENCE: 3
63 tcgcggcgttca gtaatagatt ata 23
65 <210> SEQ ID NO: 4
66 <211> LENGTH: 22
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence

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70 <220> FEATURE:
71 <223> OTHER INFORMATION: primer for amplification of S. epidermidis
73 <400> SEQUENCE: 4 22
74 tgcatttcca gttatttctc cc
76 <210> SEQ ID NO: 5
77 <211> LENGTH: 24
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <223> OTHER INFORMATION: primer for amplification of S. haemolyticus
84 <400> SEQUENCE: 5 24
85 attqatcatg gtattgatag atac
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 25
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: primer for amplification of S. haemolyticus
95 <400> SEQUENCE: 6 25
96 tttaatcttt ttgaatgtct tatac
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 25
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: primer for amplification of S. saprophyticus
106 <400> SEQUENCE: 7 25
107 taaaatgaaa caactcggtt ataag
109 <210> SEQ ID NO: 8
110 <211> LENGTH: 24
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: primer for amplification of S. saprophyticus
117 <400> SEQUENCE: 8 24
118 aaactatcca taccattaag tacg
120 <210> SEQ ID NO: 9
121 <211> LENGTH: 24
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: primer for amplification of S. hominis
128 <400> SEQUENCE: 9 24
129 cyaccagata acaaaaaagc acaa
131 <210> SEQ ID NO: 10
132 <211> LENGTH: 22
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:

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137 <223> OTHER INFORMATION: primer for amplification of S. hominis
139 <400> SEQUENCE: 10
140 qtaattegtt accatgttct aa 22
142 <210> SEQ ID NO: 11
143 <211> LENGTH: 27
144 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: capture nucleotide ATaur02
150 <400> SEQUENCE: 11
151 atttaaaaata tcacgcttctt cgtttag 27
153 <210> SEQ ID NO: 12
154 <211> LENGTH: 27
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: capture nucleotide ATepi02
161 <400> SEQUENCE: 12
162 atttaaggcaca tttctttcat tatttag 27
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165 <211> LENGTH: 27
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: capture nucleotide AThae02
172 <400> SEQUENCE: 13
173 atttaaagggt tcacgttcat tttgtaa 27
175 <210> SEQ ID NO: 14
176 <211> LENGTH: 27
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: capture nucleotide AThom02
183 <400> SEQUENCE: 14
184 atttaatgtc tgacgttctg catgaag 27
186 <210> SEQ ID NO: 15
187 <211> LENGTH: 27
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <223> OTHER INFORMATION: capture nucleotide ATsap02
194 <400> SEQUENCE: 15
195 acttaataact tcgcgttcaag cctttaa 27
197 <210> SEQ ID NO: 16
198 <211> LENGTH: 24
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: consensus primer APstap03

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205 <400> SEQUENCE: 16
 206 cccactcgct tatatagaat ttga 24
 208 <210> SEQ ID NO: 17
 209 <211> LENGTH: 23
 210 <212> TYPE: DNA
 211 <213> ORGANISM: Artificial Sequence
 213 <220> FEATURE:
 214 <223> OTHER INFORMATION: consensus primer APstap04
 216 <400> SEQUENCE: 17
 217 ccactagcgt acatcaattt tqa 23
 219 <210> SEQ ID NO: 18
 220 <211> LENGTH: 25
 221 <212> TYPE: DNA
 222 <213> ORGANISM: Artificial Sequence
 224 <220> FEATURE:
 225 <223> OTHER INFORMATION: consensus primer APstap05
 227 <400> SEQUENCE: 18
 228 ggtttaataa agtcaccaac atatt 25
 230 <210> SEQ ID NO: 19
 231 <211> LENGTH: 47
 232 <212> TYPE: DNA
 233 <213> ORGANISM: Artificial Sequence
 235 <220> FEATURE:
 236 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) ATepi03
 238 <221> NAME/KEY: misc_feature
 239 <222> LOCATION: (1)...(20)
 240 <223> OTHER INFORMATION: spacer sequence
 242 <400> SEQUENCE: 19
 243 gaattcaaag ttgctgagaa attaaggcaca tttctttcat tatttag 47
 245 <210> SEQ ID NO: 20
 246 <211> LENGTH: 67
 247 <212> TYPE: DNA
 248 <213> ORGANISM: Artificial Sequence
 250 <220> FEATURE:
 251 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) ATepi04
 253 <221> NAME/KEY: misc_feature
 254 <222> LOCATION: (1)...(40)
 255 <223> OTHER INFORMATION: spacer sequence
 257 <400> SEQUENCE: 20
 258 gaattcaaag ttgctgagaa tagttcaatg gaagggaaagcg attaaggcaca tttctttcat 60
 259 tatttag 67
 261 <210> SEQ ID NO: 21
 262 <211> LENGTH: 87
 263 <212> TYPE: DNA
 264 <213> ORGANISM: Artificial Sequence
 266 <220> FEATURE:
 267 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) ATepi05
 269 <221> NAME/KEY: misc_feature
 270 <222> LOCATION: (1)...(60)

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271 <223> OTHER INFORMATION: spacer sequence
273 <100> SEQUENCE: 21
274 gaattcaaaag ttgtctgagaa tagttcaatg gaaggaaagcg tcttcttada atctaaagaa 60
275 attaaagcaca tttttttcat tatttag 87
277 <210> SEQ ID NO: 22
278 <211> LENGTH: 67
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) Ataur27
285 <221> NAME/KEY: misc_feature
286 <222> LOCATION: (1)...(40)
287 <223> OTHER INFORMATION: spacer sequence
289 <400> SEQUENCE: 22
290 gaattcaaaag ttgtctgagaa tagttcaatg gaaggaaagcg attttaaaata tcacgtctt 60
291 cgttttag 67
293 <210> SEQ ID NO: 23
294 <211> LENGTH: 67
295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) Atepi27
301 <221> NAME/KEY: misc_feature
302 <222> LOCATION: (1)...(40)
303 <223> OTHER INFORMATION: spacer sequence
305 <400> SEQUENCE: 23
306 gaattcaaaag ttgtctgagaa tagttcaatg gaaggaaagcg attaaggcaca tttctttcat 60
307 tatttag 67
309 <210> SEQ ID NO: 24
310 <211> LENGTH: 67
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) Athae27
317 <221> NAME/KEY: misc_feature
318 <222> LOCATION: (1)...(40)
319 <223> OTHER INFORMATION: spacer sequence
321 <400> SEQUENCE: 24
322 gaattcaaaag ttgtctgagaa tagttcaatg gaaggaaagcg attttaaagtt tcacgttcat 60
323 ttttgtaa 67
325 <210> SEQ ID NO: 25
326 <211> LENGTH: 67
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: capture nucleotide (with spacer sequence) Athom27
333 <221> NAME/KEY: misc_feature
334 <222> LOCATION: (1)...(40)
335 <223> OTHER INFORMATION: spacer sequence

VERIFICATION SUMMARY

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L:381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28

L:1526 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:128